

ABSTRACT OF THE DISCLOSURE

A method of establishing a clonal embryonic stem cell line capable of sustaining a phenotype of normal embryonic stem cells following at least eight months of *in vitro* culture is disclosed. The method is effected by culturing an individual embryonic stem cell for at least eight months in a serum-free medium, thereby establishing the clonal embryonic stem cell line capable of sustaining said phenotype of normal embryonic stem cells following at least eight months of *in vitro* culture.

Year	Population	Area (sq km)	Population Density (per sq km)
1951	1,000,000	100	10,000
1961	1,500,000	100	15,000
1971	2,000,000	100	20,000
1981	2,500,000	100	25,000
1991	3,000,000	100	30,000
2001	3,500,000	100	35,000
2011	4,000,000	100	40,000
2021	4,500,000	100	45,000
2031	5,000,000	100	50,000
2041	5,500,000	100	55,000
2051	6,000,000	100	60,000
2061	6,500,000	100	65,000
2071	7,000,000	100	70,000
2081	7,500,000	100	75,000
2091	8,000,000	100	80,000
2101	8,500,000	100	85,000
2111	9,000,000	100	90,000
2121	9,500,000	100	95,000
2131	10,000,000	100	100,000
2141	10,500,000	100	105,000
2151	11,000,000	100	110,000
2161	11,500,000	100	115,000
2171	12,000,000	100	120,000
2181	12,500,000	100	125,000
2191	13,000,000	100	130,000
2201	13,500,000	100	135,000
2211	14,000,000	100	140,000
2221	14,500,000	100	145,000
2231	15,000,000	100	150,000
2241	15,500,000	100	155,000
2251	16,000,000	100	160,000
2261	16,500,000	100	165,000
2271	17,000,000	100	170,000
2281	17,500,000	100	175,000
2291	18,000,000	100	180,000
2301	18,500,000	100	185,000
2311	19,000,000	100	190,000
2321	19,500,000	100	195,000
2331	20,000,000	100	200,000
2341	20,500,000	100	205,000
2351	21,000,000	100	210,000
2361	21,500,000	100	215,000
2371	22,000,000	100	220,000
2381	22,500,000	100	225,000
2391	23,000,000	100	230,000
2401	23,500,000	100	235,000
2411	24,000,000	100	240,000
2421	24,500,000	100	245,000
2431	25,000,000	100	250,000
2441	25,500,000	100	255,000
2451	26,000,000	100	260,000
2461	26,500,000	100	265,000
2471	27,000,000	100	270,000
2481	27,500,000	100	275,000
2491	28,000,000	100	280,000
2501	28,500,000	100	285,000
2511	29,000,000	100	290,000
2521	29,500,000	100	295,000
2531	30,000,000	100	300,000
2541	30,500,000	100	305,000
2551	31,000,000	100	310,000
2561	31,500,000	100	315,000
2571	32,000,000	100	320,000
2581	32,500,000	100	325,000
2591	33,000,000	100	330,000
2601	33,500,000	100	335,000
2611	34,000,000	100	340,000
2621	34,500,000	100	345,000
2631	35,000,000	100	350,000
2641	35,500,000	100	355,000
2651	36,000,000	100	360,000
2661	36,500,000	100	365,000
2671	37,000,000	100	370,000
2681	37,500,000	100	375,000
2691	38,000,000	100	380,000
2701	38,500,000	100	385,000
2711	39,000,000	100	390,000
2721	39,500,000	100	395,000
2731	40,000,000	100	400,000
2741	40,500,000	100	405,000
2751	41,000,000	100	410,000
2761	41,500,000	100	415,000
2771	42,000,000	100	420,000
2781	42,500,000	100	425,000
2791	43,000,000	100	430,000
2801	43,500,000	100	435,000
2811	44,000,000	100	440,000
2821	44,500,000	100	445,000
2831	45,000,000	100	450,000
2841	45,500,000	100	455,000
2851	46,000,000	100	460,000
2861	46,500,000	100	465,000
2871	47,000,000	100	470,000
2881	47,500,000	100	475,000
2891	48,000,000	100	480,000
2901	48,500,000	100	485,000
2911	49,000,000	100	490,000
2921	49,500,000	100	495,000
2931	50,000,000	100	500,000
2941	50,500,000	100	505,000
2951	51,000,000	100	510,000
2961	51,500,000	100	515,000
2971	52,000,000	100	520,000
2981	52,500,000	100	525,000
2991	53,000,000	100	530,000
3001	53,500,000	100	535,000
3011	54,000,000	100	540,000
3021	54,500,000	100	545,000
3031	55,000,000	100	550,000
3041	55,500,000	100	555,000
3051	56,000,000	100	560,000
3061	56,500,000	100	565,000
3071	57,000,000	100	570,000
3081	57,500,000	100	575,000
3091	58,000,000	100	580,000
3101	58,500,000	100	585,000
3111	59,000,000	100	590,000
3121	59,500,000	100	595,000
3131	60,000,000	100	600,000
3141	60,500,000	100	605,000
3151	61,000,000	100	610,000
3161	61,500,000	100	615,000
3171	62,000,000	100	620,000
3181	62,500,000	100	625,000
3191	63,000,000	100	630,000
3201	63,500,000	100	635,000
3211	64,000,000	100	640,000
3221	64,500,000	100	645,000
3231	65,000,000	100	650,000
3241	65,500,000	100	655,000
3251	66,000,000	100	660,000
3261	66,500,000	100	665,000
3271	67,000,000	100	670,000
3281	67,500,000	100	675,000
3291	68,000,000	100	680,000
3301	68,500,000	100	685,000
3311	69,000,000	100	690,000
3321	69,500,000	100	695,000
3331	70,000,000	100	700,000
3341	70,500,000	100	705,000
3351	71,000,000	100	710,000
3361	71,500,000	100	715,000
3371	72,000,000	100	720,000
3381	72,500,000	100	725,000
3391	73,000,000	100	730,000
3401	73,500,000	100	735,000
3411	74,000,000	100	740,000
3421	74,500,000	100	745,000
3431	75,000,000	100	750,000
3441	75,500,000	100	755,000
3451	76,000,000	100	760,000
3461	76,500,000	100	765,000
3471	77,000,000	100	770,000
3481	77,500,000	100	775,000
3491	78,000,000	100	780,000
3501	78,500,000	100	785,000
3511	79,000,000	100	790,000
3521	79,500,000	100	795,000
3531	80,000,000	100	800,000
3541	80,500,000	100	805,000
3551	81,000,000	100	810,000
3561	81,500,000	100	815,000
3571	82,000,000	100	820,000
3581	82,500,000	100	825,000
3591	83,000,000	100	830,000
3601	83,500,000	100	835,000
3611	84,000,000	100	840,000
3621	84,500,000	100	845,000
3631	85,000,000	100	850,000
3641	85,500,000	100	855,000
3651	86,000,000	100	860,000
3661	86,500,000	100	865,000
3671	87,000,000	100	870,000
3681	87,500,000	100	875,000
3691	88,000,000	100	880,000
3701	88,500,000	100	885,000
3711	89,000,000	100	890,000
3721	89,500,000	100	895,000
3731	90,000,000	100	900,000
3741	90,500,000	100	905,000
3751	91,000,000	100	910,000
3761	91,500,000	100	915,000
3771	92,000,000	100	920,000
3781	92,500,000	100	925,000
3791	93,000,000	100	930,000
3801	93,500,000	100	935,000
3811	94,000,000	100	940,000
3821	94,500,000	100	945,000
3831	95,000,000	100	950,000
3841	95,500,000	100	955,000
3851	96,000,000	100	960,000
3861	96,500,000	100	965,000
3871	97,000,000	100	970,000
3881	97,500,000	100	975,000
3891	98,000,000	100	980,000
3901	98,500,000	100	985,000
3911	99,000,000	100	990,000
3921	99,500,000	100	995,000
3931	100,000,000	100	1,000,000